

Mystery Element Practice - Use your periodic table and what you have learned to find the element that matches each description. Write its symbol in the correct format!

1. ____ I am a transition metal with 95 electrons.
2. ____ I am a member of the nitrogen family with 16 neutrons.
3. ____ I am a noble gas with 4 energy levels.
4. ____ I have 2 valence electrons in my third shell.
5. ____ I have seven energy levels, but only 1 valence electron.
6. ____ I have 26 protons, 26 electrons, and 30 neutrons.
7. ____ I am a metalloid in the Nitrogen family in the 5th period.
8. ____ I am a halide with 4 energy levels.
9. ____ I am a liquid metal with 80 electrons.
10. ____ I am a transition metal with 4 energy levels and an atomic mass of 48.
11. ____ I am a metalloid in the oxygen family with 5 energy levels.
12. ____ I am a transition metal with 91 protons and electrons.

Column

Same # of _____

ROW

Same # of _____

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